(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau



(43) International Publication Date 7 October 2004 (07.10.2004)

PCT

(10) International Publication Number WO 2004/085919 A1

(51) International Patent Classification⁷: 8/00, F21V 21/30, 29/02

F21S 10/06,

(21) International Application Number:

PCT/IB2004/050302

- (22) International Filing Date: 22 March 2004 (22.03.2004)
- (25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

03100800.6

27 March 2003 (27.03.2003) EP

- (71) Applicant (for all designated States except US): KONIN-KLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): MAES, Wouter, J. [BE/BE]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). GLAVIND, Mads [DK/DK]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) Agent: PET, Robert, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

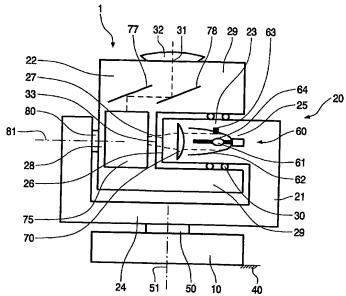
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

[Continued on next page]

(54) Title: MOVING-HEAD DEVICE COMPRISING A LAMP



(57) Abstract: A moving-head device (1) comprises afoot (10) and ahead (20) that is movably arranged with respect to the foot (10). The head (20) comprises a first rotation member (21) that is rotatable with respect to the foot (10) about a first rotation axis (51), and a second rotation member (22) that is rotatable with respect to the first rotation member (21) about a second rotation axis (81). A lamp (61) is arranged inside the first rotation member (21), while directing means (62, 70, 75, 77, 78) are provided for directing portion of the lamp (61) to an external light outlet (31). If the first rotation axis (51) extends in a vertical direction, a portion of the lamp (61) constituting an upper side (64) does not change during operation of the moving -head device (1), so that

WO 2004/085919 A1



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.